

# Comparisons of Job Characteristics

**Focus Occupation:** Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders (51-9012)

**Associated Occupation:** Cooling and Freezing Equipment Operators and Tenders (51-9193)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 79

**Focus Occupation:** Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders (51-9012)

**Associated Occupation:** Cooling and Freezing Equipment Operators and Tenders (51-9193)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.3	10.1	<<	Extensive education and/or training may be required
Chemistry	4.8	9.3	10.2	0	Current knowledge level may be sufficient
Production and Processing	6.0	9.0	12.8	>>	Current knowledge level is likely more than sufficient
Food Production	2.1	7.6	5.1	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 89

**Focus Occupation:** Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders (51-9012)

**Associated Occupation:** Cooling and Freezing Equipment Operators and Tenders (51-9193)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	12.7	12.6	0	Current skill level may be sufficient
Monitoring	9.9	12.0	10.5	<	A higher skill level may be required
Operation and Control	5.4	11.5	10.2	<	A higher skill level may be required
Troubleshooting	4.5	9.7	7.7	<	A higher skill level may be required
Quality Control Analysis	5.9	9.6	9.0	0	Current skill level may be sufficient
Equipment Maintenance	3.5	8.7	7.7	<	A higher skill level may be required
Equipment Selection	3.3	8.2	5.5	<<	Extensive development of skills in this area may be required

Repairing	3.4	8.0	8.2	0	Current skill level may be sufficient
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 86			
Focus Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders (51-9012)					
Associated Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Perceptual Speed	7.4	9.7	11.2	>	Current ability level is likely sufficient
Static Strength	5.0	9.4	10.1	0	Current ability level may be sufficient
Reaction Time	4.8	9.0	10.1	>	Current ability level is likely sufficient
Rate Control	3.8	7.8	8.5	0	Current ability level may be sufficient
Wrist-Finger Speed	3.2	6.7	5.7	<	Some improvement in abilities may be required
Speed of Limb Movement	3.2	6.0	6.2	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 99
<b>Focus Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders (51-9012)</b> <b>Associated Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)</b>		
Work Activities	Exclusivity of Activity	
Adjust production equipment/machinery setup	25	
Clean equipment or machinery	20	
Install equipment or attachments on machinery or related structures	48	
Load or unload material or workpiece into machinery	34	
Maintain consistent production quality	50	
Maintain or repair industrial or related equipment/machinery	39	
Maintain production or work records	19	
Measure, weigh, or count products or materials	17	
Monitor production machinery/equipment operation to detect problems	27	
Operate chemical processing equipment	77	
Operate food processing production equipment/machinery	76	
Test manufactured products or materials	64	
Use hand or power tools	2	
Use precision measuring tools or equipment	17	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

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**Associated Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)**

### Tools and Technologies

### Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.